# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 504 | (high near2 shear near2 rate) same (extrusion extrud$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:22 |
| L2 | 44 | (high near2 shear near2 rate) same (extrusion extrud$3) same (polystyrene "HIPS" "PS") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:29 |
| L3 | 377 | (shear near2 rate) same (extrusion extrud$3) same (polystyrene "HIPS" "PS") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:29 |
| L4 | 87 | ((maximum critical) near7 (shear near4 rate)) same (extrusion extrud$3) same (polystyrene "HIPS" "PS") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:30 |
| L5 | 9 | ((maximum critical) near7 (shear near4 rate)) same (extrusion extrud$3) same (polystyrene impact) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:36 |
| L6 | 7 | ((maximum critical) near7 (shear near4 rate)) same (polystyrene) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:37 |
| L7 | 142 | ((control$3 controll$3) near7 (shear near4 rate)) same (polystyrene extrusion extrud$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:38 |
| L8 | 125 | ((control$3 controll$3) near4 (shear near4 rate)) same (polystyrene extrusion extrud$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:40 |
| L9 | 3 | ((control$3 controll$3) near4 (shear near4 rate)) same (polystyrene) same (extrusion extrud$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:39 |
| L10 | 7 | ((control$3 controll$3) near4 (shear near4 rate)) same (polystyrene) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:39 |
| L11 | 121 | ((control$3 controll$3) near4 (shear near4 rate)) same (extrusion extrud$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:41 |
| L12 | 106 | ((control$3 controll$3) near4 (shear near4 rate)) same (extrusion extrud$3) | US-PGPUB; USPAT | OR | ON | 2007/06/06 14:41 |
| L13 | 41 | ((control$3 controll$3) near4 (shear near4 rate)) same (extrusion extrud$3) and polystyrene | US-PGPUB; USPAT | OR | ON | 2007/06/06 14:56 |
| L14 | 0 | (melt near2 fracture) near4 polystyrene | US-PGPUB; USPAT | OR | ON | 2007/06/06 14:56 |
| L15 | 40 | (melt near2 fracture) same polystyrene | US-PGPUB; USPAT | OR | ON | 2007/06/06 14:57 |

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|---|---|---|---|---|---|---|
| L16 | 27 | (melt near2 fracture) same polystyrene and shear | US-PGPUB; USPAT | OR | ON | 2007/06/06 15:07 |
| L17 | 519 | (melt near2 fracture) and polystyrene and shear | US-PGPUB; USPAT | OR | ON | 2007/06/06 14:57 |
| L18 | 1 | (draw near2 resonance) same polystyrene and shear | US-PGPUB; USPAT | OR | ON | 2007/06/06 15:07 |
| L19 | 123 | (draw near2 resonance) and polystyrene and shear | US-PGPUB; USPAT | OR | ON | 2007/06/06 15:07 |
| L20 | 51 | (draw near2 resonance) same (extrud$3 extrusion) and polystyrene and shear | US-PGPUB; USPAT | OR | ON | 2007/06/06 15:08 |
| S1 | 0 | "10766672" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 14:22 |
| S2 | 1 | "10/766672" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 14:13 |
| S3 | 2 | "20050161858" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/06/05 14:14 |
| S4 | 301 | (extrud$3 extrusion melt-knead$3 knead$3) same (blend$3 mixture components) same (HIPS and (PS polystyrene)) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/06/05 14:15 |
| S5 | 281 | (extrud$3 extrusion melt-knead$3 knead$3) same (blend$3 mixture components) same (HIPS and (PS polystyrene)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 14:16 |
| S6 | 121 | (extrud$3 extrusion melt-knead$3 knead$3) same (blend$3 mixture components) same (HIPS and (PS) HIPS/PS PS/HIPS) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:31 |
| S7 | 127 | (extrud$3 extrusion melt-knead$3 knead$3) same (compound$3 blend$3 mix$3 mixture) same ("HIPS" and ("PS") "HIPS/PS" "PS/HIPS") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 16:01 |
| S8 | 29 | S7 not S6 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:33 |
| S9 | 296 | (compound$3 blend$3 mix$3 mixture) near7 (("HIPS" and ("PS")) "HIPS/PS" "PS/HIPS") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:40 |
| S10 | 30 | (extrud$3 extrusion) same (compound$3 blend$3 mix$3 mixture) near7 (("HIPS" and ("PS")) "HIPS/PS" "PS/HIPS") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:51 |

# EAST Search History

| S11 | 22 | styron near2 ("615" 615APR) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:52 |
|-----|------|-----|-----|-----|-----|-----|
| S12 | 9 | styron near2 ("615" 615APR) same (melt and flow MFR MFI) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:52 |
| S13 | 9 | styron near2 ("615" 615APR) same ((melt and flow) MFR MFI) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:54 |
| S14 | 5 | polystyrene near2 ("615" 615APR) same ((melt and flow) MFR MFI) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:54 |
| S15 | 11 | ("4188432" "5686528" "7063213" "5336719" "6221471" "5334657" "5525639" "5210134" "6544450" "6913831" "5508347").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 16:01 |
| S16 | 433493 | (extrud$3 extrusion melt-knead$3 knead$3) ("HIPS" and ("PS") "HIPS/PS" "PS/HIPS" high impact polystyrene) and S15 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 16:02 |
| S17 | 11 | (extrud$3 extrusion melt-knead$3 knead$3) and ("HIPS" and ("PS") "HIPS/PS" "PS/HIPS" high impact polystyrene) and S15 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 16:22 |
| S18 | 1 | "5214074".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 16:22 |